

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (Currently Amended) A stereoscopic picture image forming apparatussystem for forming a picture image of an object separated into a first sub-object for a left eye and a second sub-object for a right eye, the stereoscopic picture image forming apparatussystem comprising:

a common image-forming means;

a system for imparting a characteristic to the image formed by the common image forming means that can be used to distinguish the image from light outside of the image;

a first image pick-up means for picking up the picture image for the left eye, the picture image being introduced by way of the common image-forming means; and

a second image pick-up means for picking up the picture image for the right eye, the picture image being introduced by way of the common image-forming means;

a shutter system associated with the first and second image pick-up means with separate shutters associated with each of said pick-up means; and

a system associated with said first and second image pick-up means for selectively passing said common image based on said imparted characteristic.

2. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 1, in which the stereoscopic picture image forming apparatussystem further comprises an optical means for separating the picture image of the object into the first sub-object for the left eye and the second sub-object for the right eye, and in which each of the first image pick-up means and the second image pick-up means is disposed at an image formation position of the common image-forming means.

3. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 1, in which the common image-forming means has a zoom function.

4. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 3, in which the common image-forming means is a lens.

5. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 2, in which the common image-forming means has a zoom function.

6. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 5, in which the common image-forming means is a lens.

7. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 1, in which each of the first image pick-up means and the second image pick-up means comprises a charge coupled device.

8. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 1, in which each of the first image pick-up means and the second image pick-up means comprises a complementary metal oxide semiconductor.

9. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 2, in which the optical means comprises a mirror.

10. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 9, in which the mirror of the optical means comprises:

a pair of a first left mirror and a first right mirror disposed on an external peripheral side of the common image-forming means in such a manner as to oppose to each other, each of the first left mirror and the first right mirror forming a predetermined angle with respect to the common image-forming means; and

a pair of a second left mirror and a second right mirror disposed, respectively, substantially in parallel with the first left mirror and the first right mirror, and disposed in such a position as to oppose to the common image-forming means.

11. (Currently Amended) The stereoscopic picture image forming apparatussystem as claimed in claim 2, in which the optical means comprises a prism.

12. (Currently Amended) The stereoscopic picture image forming ~~apparatus~~system as claimed in claim 2, further comprising a pair of a third left mirror and a third right mirror disposed in such a manner as to form a predetermined angle therebetween,

the third left mirror being so disposed relative to the first image pick-up means as to allow the picture image for the left eye introduced by way of the common image-forming means to reach the first image pick-up means at the image formation position of the common image-forming means, and

the third right mirror being so disposed relative to the second image pick-up means as to allow the picture image for the right eye introduced by way of the common image-forming means to reach the second image pick-up means at the image formation position of the common image-forming means.

13. (New) A stereoscopic image system comprising:
a display via which a stereoscopic image is displayed,
a first filter system for passing light from said display and imparting to said passed light a characteristic not prevalent in light outside of said display,
a shutter system with separate shutters uniquely associated with at least two receivers,
a second filter system providing selective reception by said receivers of said light passed by said first filter system based on said characteristic not prevalent in light outside of said display.

14. (New) An apparatus for viewing on a display stereoscopic images imparted with a characteristic not prevalent outside of said display comprising:
a pair of spectacles having a pair of shutters, one for each eye of a wearer of the spectacles; and
at least one filter associated with the shutters for passing light with a characteristic not prevalent outside of said display.

15. (New) The system of any of claims 1, 13 and 14, wherein said characteristic is a polarization of said image.

16. (New) The system of claim 15, wherein said polarization is a circular polarization.

17. (New) The system of claim 15, wherein said polarization is a linear polarization.

THIS PAGE BLANK (USPTO)